

Genome version 5.1.3
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OM protein - protein search, using sw model

Query: us-09-856-070-25 : Sequence 100% (114) Sequences
(without alignments)
32,360 Million cell updates/sec

Query: us-09-856-070-25

Perfect score: 23

Sequence: 1 MLEQ 5

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 120291 seqs, 14874914 residues 120001

Total number of hits satisfying chosen parameters: 120001

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Published Applications, AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US03_NEW_PUB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US03_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	23	100.0	12	9	US-09-840-277-47
2	23	100.0	92	10	US-09-840-277-47
3	23	100.0	635	10	US-09-925-399-896
4	21	91.3	33	10	US-09-864-761-43078
5	21	91.3	33	10	US-09-864-761-43078
6	21	91.3	56	10	US-09-864-761-43213
7	21	91.3	367	10	US-09-864-761-43213
8	21	91.3	502	10	US-09-882-166-2
9	21	91.3	581	10	US-09-779-429-1
10	21	91.3	1024	10	US-09-925-402-001
11	21	91.3	1180	10	US-09-815-242-4957
12	20	87.0	25	10	US-09-815-242-10552
13	20	87.0	36	10	US-09-908-322-56
14	20	87.0	36	10	US-09-864-761-47178
15	20	87.0	55	10	US-09-728-912-3
16	20	87.0	62	10	US-09-867-550-1149
17	20	87.0	91	10	US-09-864-761-49166
18	20	87.0	91	10	US-09-815-242-13353
19	20	87.0	97	10	US-09-815-242-12748
20	20	87.0	97	10	US-09-864-761-40162

20	87.0	124	9	US-10-060-845-9	Sequence 9, Appli
21	87.0	124	12	US-10-072-159-9	Sequence 9, Appli
22	87.0	145	10	US-09-893-737-148	Sequence 148, App
23	87.0	189	9	US-09-738-626-5353	Sequence 5353, Ap
24	87.0	206	10	US-09-830-729-149	Sequence 149, App
25	87.0	207	10	US-09-800-729-113	Sequence 113, App
26	87.0	212	10	US-09-815-242-5119	Sequence 5119, Ap
27	87.0	232	10	US-09-835-561A-4	Sequence 4, Appli
28	87.0	232	10	US-10-007-805-517	Sequence 517, App
29	87.0	234	10	US-09-815-242-11931	Sequence 11931, A
30	87.0	278	12	US-10-007-805-515	Sequence 515, App
31	87.0	312	9	US-09-738-626-5282	Sequence 5282, Ap
32	87.0	425	9	US-09-738-626-6157	Sequence 6157, Ap
33	87.0	426	10	US-09-815-242-10598	Sequence 10598, A
34	87.0	460	10	US-09-825-561A-18	Sequence 18, Appl
35	87.0	376	9	US-09-854-133-188	Sequence 188, App
36	87.0	376	10	US-09-738-626-5353	Sequence 5353, Ap
37	87.0	379	9	US-10-078-059-3	Sequence 3, Appli
38	87.0	413	10	US-09-728-912-2	Sequence 2, Appli
39	87.0	414	10	US-09-820-893-59	Sequence 59, Appl
40	87.0	415	10	US-09-750-964-5	Sequence 6, Appli
41	87.0	449	10	US-09-732-618-24	Sequence 24, Appl
42	87.0	449	10	US-09-732-618-25	Sequence 25, Appl
43	87.0	452	9	US-09-738-626-5353	Sequence 5353, Ap
44	87.0	457	10	US-09-888-615-110	Sequence 110, App
45	87.0	480	10	US-09-820-893-108	Sequence 108, App

ALIGNMENTS

RESULT 1
US-09-840-277-47
Sequence 47, Application US/59846277
Patent No. US-09-016863A1
GENERAL INFORMATION:
APPLICANT: FELICE, ULRICH
APPLICANT: KOHNO, TADAHIKO
APPLICANT: LACEY, DAVID LEE
APPLICANT: BOONE, THOMAS CHARLES
TITLE OF INVENTION: INTEGRIN/ADHESION ANTAGONISTS
FILE NUMBER: A-688A
CURRENT APPLICATION NUMBER: US/09/840,277
CURRENT FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: 60/198,919
PRIOR FILING DATE: 2002-04-21
PRIOR APPLICATION NUMBER: 60/201,394
PRIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 135
SOFTWARE: Patent version 3.1
SEQ ID NO 47
LENGTH: 12
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Integrin antagonist peptide
US 09 840 277-47

Query Match 100.0% Score 23. Seq 9. Length 12
Best Local Similarity 100.0% Pred. No. 2.6
Matches 5, Conservative 0, Mismatches 0, Gaps 0

Query 1 MLEQ 5

DB 6 MLEQ 10

RESULT 2

US-09-764-853-443
Sequence 443, Application US/09764853
Patent No. US-09-090672A1
GENERAL INFORMATION:
APPLICANT: ROSEN et al.

? TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ? FILE REFERENCE: P206
 ? CURRENT APPLICATION NUMBER: US/04/764,853
 ? CURRENT FILING DATE: 2001-01-17
 ? Prior application data removed - consult PALM or file wrapper
 ? NUMBER OF SEQ ID NOS: 939
 ? SOFTWARE: Patent In Ver. 2.0
 ? SEQ ID NO 443
 ? LENGTH: 82
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 ? FEATURE:
 ? NAME/KEY: SITE
 ? LOCATION: (5)
 ? OTHER INFORMATION: Xaa equals any of the naturally occurring L amino acids
 US 09-764,854-443

Query Match 100.0%; Score 23; DB 10; Length 82;
 Best Local Similarity 100.0%; Pred. No. 19;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLQ 5
 |||||
 Db 34 MRLQ 38

RESULT 4
 US 09-925,299-896
 ? Sequence 896, Application US/09925299
 ? Patent No. US20020055627A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Rosen et al.
 ? TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ? FILE REFERENCE: P102
 ? CURRENT APPLICATION NUMBER: US/04/925,299
 ? CURRENT FILING DATE: 2001-08-10
 ? PRIOR APPLICATION NUMBER: PCT/US00/05883
 ? PRIOR FILING DATE: 2000-04-08
 ? PRIOR APPLICATION NUMBER: 60/124,270
 ? PRIOR FILING DATE: 1999-04-12
 ? NUMBER OF SEQ ID NOS: 1556
 ? SOFTWARE: Patent In Ver. 2.0
 ? SEQ ID NO 896
 ? LENGTH: 635
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 US 09-925,299-896

Query Match 100.0%; Score 23; DB 10; Length 635;
 Best Local Similarity 100.0%; Pred. No. 1,761,02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLQ 5
 |||||
 Db 397 MRLQ 401

RESULT 4
 US 09-864,761 43078
 ? Sequence 43078, Application US/09864761
 ? Patent No. US20020048763A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Penn, Sharon G.
 ? APPLICANT: Rank, David R.
 ? APPLICANT: Hanzel, David K.
 ? APPLICANT: Chen, Wensheng
 ? TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ? FILE REFERENCE: Aomic-X-1
 ? CURRENT APPLICATION NUMBER: US/09/864,761
 ? PRIOR FILING DATE: 2001-05-23
 ? PRIOR APPLICATION NUMBER: US 60/180,312
 ? PRIOR FILING DATE: 2000-02-04

? PRIOR APPLICATION NUMBER: US 60/207,456
 ? PRIOR FILING DATE: 2000-05-26
 ? PRIOR APPLICATION NUMBER: US 09/742,466
 ? PRIOR FILING DATE: 2000-08-03
 ? PRIOR APPLICATION NUMBER: GR 24263.6
 ? PRIOR FILING DATE: 2000-10-04
 ? PRIOR APPLICATION NUMBER: US 60/236,359
 ? PRIOR FILING DATE: 2000-09-27
 ? PRIOR APPLICATION NUMBER: PCT/US01/00666
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00667
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00664
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00669
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00665
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00668
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00663
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00662
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00661
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00670
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: US 60/234,687
 ? PRIOR FILING DATE: 2000-09-21
 ? PRIOR APPLICATION NUMBER: US 09/608,408
 ? PRIOR FILING DATE: 2000-06-30
 ? PRIOR APPLICATION NUMBER: US 09/774,203
 ? PRIOR FILING DATE: 2001-01-29
 ? NUMBER OF SEQ ID NOS: 49117
 ? SOFTWARE: Annotmax Sequence Listing Engine vers. 1.1
 ? SEQ ID NO 43078
 ? LENGTH: 20
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 ? FEATURE:
 ? OTHER INFORMATION: MAP TO AC011739.2
 ? OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2
 ? OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.3
 ? OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1
 ? OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.99
 ? OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
 ? OTHER INFORMATION: EST_HUMAN HIT: AA309974.1, EVALUE 6.00e-03
 US-09-864-761-43078

Query Match 91.3%; Score 21; DB 10; Length 20;
 Best Local Similarity 80.0%; Pred. No. 14;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLQ 5
 |||||
 Db 6 MRLQ 10

RESULT 5
 US-09-864-761-45213
 ? Sequence 45213, Application US/09864761
 ? Patent No. US20020048763A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Penn, Sharon G.
 ? APPLICANT: Rank, David R.
 ? APPLICANT: Hanzel, David K.
 ? APPLICANT: Chen, Wensheng
 ? TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ? FILE REFERENCE: Aomic-X-1
 ? CURRENT APPLICATION NUMBER: US/09/864,761
 ? CURRENT FILING DATE: 2001-05-23

;; PRIOR APPLICATION NUMBER: US 60/180,312
;; PRIOR FILING DATE: 2000-02-04
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: US 09/064,366
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: GB 24263,6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/006666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 09/608,408
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: US 09/774,203
;; PRIOR FILING DATE: 2001-01-29
;; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
;; SEQ ID NO 45213
;; LENGTH: 33
;; TYPE: PRT
;; ORGANISM: Homo sapiens
;; FEATURE:
;; OTHER INFORMATION: MAP TO AP001415.1
;; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.62
;; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.74
;; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.71
;; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.62
;; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.77
US-09-864-761-45213

Query Match 91.3%, Score 21, DB 10; Length 33;
Best Local Similarity 80.0%; Pred. No. 24;
Matches 4, Conservative 1, Mismatches 0, Indels 0, Gaps 6;

QY 1 MLRIQ 5
|||:|
DB 14 MLRIQ 18

RESULT 6
US-09-764-870-389
;; Sequence 389, Application US/09764870
;; Patent No. US20020042186A1
;; GENERAL INFORMATION:
;; APPLICANT: Rosen et al.
;; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;; FILE REFERENCE: PT214
;; CURRENT APPLICATION NUMBER: US/09/764,870
;; CURRENT FILING DATE: 2001-01-17 consult PAM or file wrapper
;; Prior application data removed
;; NUMBER OF SEQ ID NOS: 646
;; SOFTWARE: PatentIn Ver. 2.0

;; SEQ ID NO 389
;; LENGTH: 56
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-764-870-389

Query Match 91.3%, Score 21, DB 10; Length 56;
Best Local Similarity 80.0%; Pred. No. 42;
Matches 4, Conservative 1, Mismatches 0, Indels 0, Gaps 0;

QY 1 MLRIQ 5
|||:|
DB 31 MLRIQ 35

RESULT 7
US-09-882-166-2
;; Sequence 2, Application US/09882166
;; Patent No. US20020151005A1
;; GENERAL INFORMATION:
;; APPLICANT: Meyers, Rachel A.
;; TITLE OF INVENTION: 53070, A NOVEL HUMAN PROTEIN KINASE
;; FILE REFERENCE: FAMILY MEMBER AND USKS THEREOF
;; FILE REFERENCE: 10448-067001
;; CURRENT APPLICATION NUMBER: US/09/882,166
;; CURRENT FILING DATE: 2001-06-15
;; PRIOR APPLICATION NUMBER: 69/212,078
;; PRIOR FILING DATE: 2000-06-15
;; NUMBER OF SEQ ID NOS: 6
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 2
;; LENGTH: 367
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-882-166-2

Query Match 91.3%, Score 21, DB 10; Length 367;
Best Local Similarity 80.0%; Pred. No. 36-02;
Matches 4, Conservative 1, Mismatches 0, Indels 0, Gaps 0;

QY 1 MLRIQ 5
|||:|
DB 234 MLRIQ 228

RESULT 8
US-09-779-429-1
;; Sequence 1, Application US/09779429
;; Patent No. US20010007156A1
;; GENERAL INFORMATION:
;; APPLICANT: Davick, John
;; APPLICANT: Gilliam, Jacob
;; TITLE OF INVENTION: A Hydroperoxide Lyase Gene from Maize and Methods of
;; FILE REFERENCE: Use
;; FILE REFERENCE: Maize hydroperoxide lyase (HPL)
;; CURRENT APPLICATION NUMBER: US/09/779,429
;; CURRENT FILING DATE: 2001-02-08
;; PRIOR APPLICATION NUMBER: 09/417,704
;; PRIOR FILING DATE: 1999-10-13
;; NUMBER OF SEQ ID NOS: 2
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 1
;; LENGTH: 502
;; TYPE: PRT
;; ORGANISM: Zea mays
;; FEATURE:
;; NAME/KEY: HELIX
;; LOCATION: (304)
;; OTHER INFORMATION: L-helix: Forms oxygen binding pocket
;; OTHER INFORMATION: (356)..(459) Highly conserved in P450's (FTH)
;; OTHER INFORMATION: (402)..(413) Highly conserved in P450's (KOP XXXX
;; OTHER INFORMATION: PEEF
;; NAME/KEY: BINDING

LOCATION: (448)
OTHER INFORMATION: Heme-binding site
US 09 779 429 1

Query Match: 91.3% Score 21; DB 10; Length 582;
Best Local Similarity 80.0%; Pred. No. 4.9e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

DB 415 MLRLQ 419

RESULT 9

US 09 925 302 801
Sequence 801; Application US 09 925 302

Patent No. US2002034941A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

FILE REFERENCE: PA104

CURRENT APPLICATION NUMBER: US/09/925 302

PRIOR APPLICATION NUMBER: PCT/US00/059418

PRIOR FILING DATE: 2000-03-08

PRIOR APPLICATION NUMBER: 60/124 276

PRIOR FILING DATE: 1999-04-12

NUMBER OF SEQ ID NOS: 846

SOFTWARE: Patent In Ver. 2.0

SEQ ID NO 801

LENGTH: 581

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SLIF

LOCATION: (1)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US 09 925 302 801

Query Match: 91.3% Score 21; DB 10; Length 581;
Best Local Similarity 80.0%; Pred. No. 4.9e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

DB 415 MLRLQ 419

RESULT 10

US 09 815 242 4957

Sequence 4957; Application US 09 815 242

Patent No. US20020061569A1

GENERAL INFORMATION:

APPLICANT: Haselbeck, Robert

APPLICANT: Ohlson, Karl L.

APPLICANT: Zyskind, Judith W.

APPLICANT: Wall, Daniel

APPLICANT: Carr, Grant J.

APPLICANT: Yamamoto, Robert T.

APPLICANT: Xu, H. Howard

TITLE OF INVENTION: Identification of Essential Genes in

FILE REFERENCE: FLITRA-011A

CURRENT APPLICATION NUMBER: US/09/815 242

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 4957
LENGTH: 1024
TYPE: PRT
ORGANISM: Enterococcus faecalis
US 09 815 242 4957

Query Match: 91.3% Score 21; DB 10; Length 1024;
Best Local Similarity 80.0%; Pred. No. 8.9e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

DB 216 MLRLQ 220

RESULT 11

US 09 815 242 4957

Sequence 10552; Application US 09 815 242

Patent No. US20020061569A1

GENERAL INFORMATION:

APPLICANT: Haselbeck, Robert

APPLICANT: Ohlson, Karl L.

APPLICANT: Zyskind, Judith W.

APPLICANT: Wall, Daniel

APPLICANT: Carr, Grant J.

APPLICANT: Yamamoto, Robert T.

APPLICANT: Xu, H. Howard

TITLE OF INVENTION: Identification of Essential Genes in

FILE REFERENCE: FLITRA-011A

CURRENT APPLICATION NUMBER: US/09/815 242

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR FILING DATE: 2000-10-23

PRIOR APPLICATION NUMBER: 60/253,625

PRIOR FILING DATE: 2000-11-27

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR FILING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 60/269,308

PRIOR FILING DATE: 2001-02-16

NUMBER OF SEQ ID NOS: 14110

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 10552

LENGTH: 1189

TYPE: PRT

ORGANISM: Enterococcus faecalis

US 09 815 242 4957

Query Match: 91.3% Score 21; DB 10; Length 1189;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

DB 249 MLRLQ 253

RESULT 12

US-09-908-322-56

Sequence 56, Application US/09908322

Patent No. US20020107194A1

GENERAL INFORMATION:

APPLICANT: Ish-Horowitz, David

Henrique, Domingos Manuel Pinto

Lewis, Julian Hart

Artavanis-Tsakonas, Spyridon

Gray, Grace

TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF

NUMBER OF SEQUENCES: 94

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036/2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/908,322

FILING DATE: 17-Jul-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/981,392

FILING DATE: 22-DEC-1997

ATTORNEY/AGENT INFORMATION:

NAME: Mistock, S Leslie

REGISTRATION NUMBER: 18,872

REFERENCE/BOOK NUMBER: 7326-123

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-790 9090

TELEFAX: 212-869-8864

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 56:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 amino acids

TYPE: amino acid

STRANDEDNESS: <Unknown>

TOPOLOGY: unknown

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 56:

US-09-908-322-56

Query Match

Best Local Similarity 87.0%; Score 20; DB 10; Length 25;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLQ 5

DB 20 LLRLQ 24

RESULT 13

US-09-864-761-47178

Sequence 47178, Application US/09864761

Patent No. US20020048763A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.

APPLICANT: Rank, David R.

APPLICANT: Hanzel, David K.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PHORES USEFUL FOR

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Aomic-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GR 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00566
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/648,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,303
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Annamex Sequence Listing Engine Vers. 1.1
 SEQ ID NO 47178
 LENGTH: 36
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC004739.1
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.63
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.51
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.5
 US-09-864-761-47178

Query Match

Best Local Similarity 87.0%; Score 20; DB 10; Length 36;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLQ 5

DB 11 LLRLQ 15

RESULT 14

US-09-728-912-3

Sequence 3, Application US/09728912

Patent No. US20010036643A1

GENERAL INFORMATION:

APPLICANT: Hollway, James L.

TITLE OF INVENTION: Tumor Necrosis Factor Stimulated Gene

FILE REFERENCE: 99-940S

CURRENT APPLICATION NUMBER: US/09/728,912

CURRENT FILING DATE: 2000-12-01

PRIOR APPLICATION NUMBER: 60/169,252

PRIOR FILING DATE: 1999-12-06

NUMBER OF SEQ ID NOS: 14

SOFTWARE: FastSeq for Windows Version 3.0

? SEQ ID NO 4
 ? LENGTH: 55
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 US-09-728-912-3

Query Match 87.0%; Score 20; DB 10; Length 55;
 Best local Similarity 80.0%; Pred. No. 74;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
 DB 16 MVRQ 20

RESULT 15

US-09-867-550-1142
 ? Sequence 1142, Application US/09867550
 ? Patent No. US20020082206A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Leach, Martin D.
 ? APPLICANT: Mehraban, Fuad,
 ? APPLICANT: Conley, Pamela
 ? APPLICANT: Law, Debbie
 ? APPLICANT: Topper, James
 ? TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
 ? FILE REFERENCE: 21402-013 (Cara-313)
 ? CURRENT APPLICATION NUMBER: US/09/867,550
 ? CURRENT FILING DATE: 2001-09-20
 ? PRIOR APPLICATION NUMBER: USSN 60/208,427
 ? PRIOR FILING DATE: 2000-05-30
 ? NUMBER OF SEQ ID NOS: 2125
 ? SOFTWARE: FastSeq for Windows Version 4.0
 ? SEQ ID NO 1132
 ? LENGTH: 60
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 US-09-867-550-1142

Query Match 87.0%; Score 20; DB 10; Length 60;
 Best local Similarity 80.0%; Pred. No. 81;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
 DB 1 MLRVQ 5

Search completed: January 16, 2003, 17:00:10
 Job time : 4.07143 secs